

2.2 Data Collection and Review

Data was collected and reviewed to determine the floodplain water surface elevations (WSE) along the reach, the topographic features of the study area, and the hydraulic characteristics of the conveyance system. The following data was collected and reviewed by CDM:

City of Lincoln GIS Data

- 2-Foot Elevation Contours
- Street Centerlines
- Zoning
- Landuse
- Aerial Photographs

U.S. Army Corp of Engineers Hydraulic Models and Floodplains (Provided by the City)

- HEC-RAS 100-Year Hydraulic Model
- Existing 100-Year Floodplain
- Existing 100-Year plus 0.5 feet Floodplain
- Existing 100-Year plus 1.0 feet Floodplain
- 1-Foot Rise Floodway (FEMA)
- 0.5-Foot Rise Floodway (50-percent Loss Floodway)

As-Built Drawings (Provided by the City)

City of Lincoln Design and Planning Documents (Provided by the City)

- Design Standards
- Drainage Criteria Manual
- Planning and Zoning Ordinance

Field Photographs (Collected by CDM)

- Public Buildings
- Stream Crossing Structures

- Public Access Streets
- Dead Man's Run Channel